

**DECLARATION FOR
UTILITY OR DESIGN
PATENT APPLICATION**

Declaration Submitted OR Declaration submitted after with Initial Filing Initial Filing

Attorney Docket Number	1133
First Named Inventor	Charles Robert Kalmanek Jr.
COMPLETE IF KNOWN	
Application Number	09/345121
Filing Date	07/06/1999
Group Art Unit	
Examiner Name	

As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor(if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Routing Over Large Clouds

(Title of Invention)

the specification of which

is attached hereto

OR

was filed on 07/06/1999 as United States Application Number or PCT International

Application Number 09/345121

and was amended on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of an application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

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Attorney Docket Number: 113300

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 385(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (If applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

Place Customer Number Bar
Code Label here

OR

Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
CONOVER, Michele L.	34962	DE LA ROSA, Jose R.	34810
DWORETSKY, Samuel H.	27873	LEE, Benjamin S.	42787
LEVY, Robert B.	28234	RESTAINO, Thomas A.	33444
STEINMETZ, Alfred G.	22971		

I also appoint the following additional registered practitioner(s) named on the supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Direct all Correspondence to:

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	Samuel H. Dworetzky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4801
COUNTRY	United States of America			FAX	732-368-6932

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor

A petition has been filed for this unsigned inventor

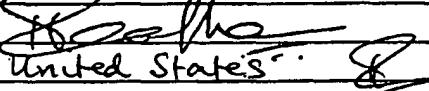
Name	Charles Robert Kalmanek Jr.	Date	10/14/99
Signature	<i>Charles Robert Kalmanek Jr.</i>		
Citizenship	United States		
Address (line 1)	86 Great Hills Road		
Address (line 2)	Short Hills		
Address (line 3)	Essex County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07078		

Additional Inventors are being named on the 1 separately numbered sheets attached hereto

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Attorney Docket Number: 113300

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Anthony G Lauck		
Signature			
Citizenship	United States		
Address (line 1)	Southface 5		
Address (line 2)	Warren		
Address (line 3)	Washington County		
Address (line 4)	Vermont		
Address (line 5)	USA		
Zip Code	05674		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Kadangode K. Ramakrishnan		
Signature			
Citizenship	India United States		
Address (line 1)	9 Highland Circle		
Address (line 2)	Berkeley Heights		
Address (line 3)	Union County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07922		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
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Attorney Docket Number: 113300

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Anthony G Lauck		
Signature	<i>Anthony G. Lauck</i>		Date 10/26/99
Citizenship	United States		
Address (line 1)	Southface 5		
Address (line 2)	Warren		
Address (line 3)	Washington County		
Address (line 4)	Vermont		
Address (line 5)	USA		
Zip Code	05674		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Kadangode K. Ramakrishnan		
Signature			Date
Citizenship	India		
Address (line 1)	9 Highland Circle		
Address (line 2)	Berkeley Heights		
Address (line 3)	Union County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07922		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			Date
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			Date
Citizenship			
Address (line 1)			
Address (line 2)			
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Address (line 4)			
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FEBRUARY 03, 2000

PTAS

AT&T CORP.
SAMUEL H. DWORETSKY
P.O. BOX 4110
MIDDLETOWN, NJ 07748-4110



101191848A

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RECORDATION DATE: 11/01/1999

REEL/FRAME: 010350/0118
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KALMANEK, CHARLES ROBERT, JR.

DOC DATE: 10/18/1999

ASSIGNOR:

LAUCK, ANTHONY G

DOC DATE: 10/26/1999

ASSIGNOR:

RAMAKRISHNAN, KADANGODE K.

DOC DATE: 10/18/1999

ASSIGNEE:

AT&T CORP.
32 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10013-2412

SERIAL NUMBER: 09345121
PATENT NUMBER:

FILING DATE: 07/06/1999
ISSUE DATE:

AT&T PATENT	
FEB 14 2000	
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DIRECT MANAGED	
NOT DOCKETED	
PREVIOUSLY DOCKETED	
PREVIOUSLY ABANDONED	

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010350/0118 PAGE 2

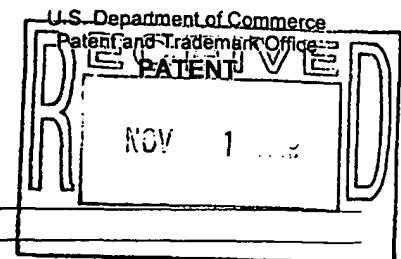
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	Kalmanek Jr., Charles Robert	Execution Date MMDDYYYY
Name (line 2)		

Second Party

Name (line 1)	Lauck, Anthony G	Execution Date MMDDYYYY
Name (line 2)		

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)	AT&T Corp.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	AT&T Corp.	
Address (line 2)	32 Avenue of the Americas, New York 10013-2412	
Address (line 3)	United States of America	
	City, State/Country Zip Code	

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name (line 1)	
Address (line 1)	
Address (line 2)	
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or Correspondence address below

NAME	Samuel H. Dworetzky		
ADDRESS	AT&T CORP. P.O. Box 4110		
CITY	Middletown	STATE	New Jersey
COUNTRY	United States of America	ZIP CODE	07748-4110
FAX	732-368-6932		

Pages Enter the total number of pages of the attached conveyance document #
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Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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Enter PCT application number
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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

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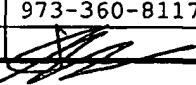
Deposit Account

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Deposit Account Number: 01-2745

Authorization to charge additional fees: Yes No**STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NAME	Benjamin S. Lee		
TELEPHONE	973-360-8117		
SIGNATURE			DATE <u>10/29/99</u>

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 10/29/99

Type or Printed Name	<u>Antoinette Dozier</u>		
Signature	<u>Antoinette Dozier</u>	Date	<u>10-29-99</u>

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Conveying Party(ies)

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Name (line 1)	Ramakrishnan, Kadangode K.	Execution Date MMDDYYYY
Name (line 2)		
Name (line 1)		Execution Date MMDDYYYY
Name (line 2)		
Name (line 1)		Execution Date MMDDYYYY
Name (line 2)		

Receiving Party

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	City, State/Country Zip Code	

Mark if additional names of receiving parties attached

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
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Address (line 1)		
Address (line 2)		
Address (line 3)		
	City, State/Country Zip Code	

Application Number(s) or Patent Number(s)

Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Charles Robert Kalmanek Jr. of Short Hills in the County of Essex County and State of New Jersey, Anthony G Lauck of Warren in the County of Washington County and State of Vermont, and Kadangode K. Ramakrishnan of Berkeley Heights in the County of Union County and State of New Jersey, hereby sells, assigns and transfers to AT&T Corp., a corporation of the State of New York, having an office at AT&T Corp., 32 Avenue of the Americas, New York 10013-2412, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Routing Over Large Clouds

described in an application for Letters Patent for the United States of America,

for which an application for a United States Patent was executed on

for which an application for a United States Patent was filed on 07/06/1999 Application Number 09/345,121,

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

Attorney Docket Number: 113300

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Charles Robert Kalmanek Jr.

Charles Robert Kalmanek Jr.

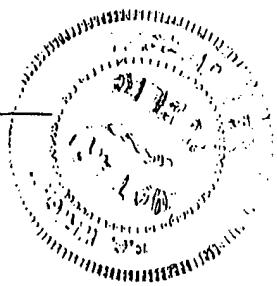
Date: 10/18/99

United States of America)

State of NJ) ss.:

County of Morris)

On this 18th day of October, 1999 before me personally came Charles Robert Kalmanek Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801

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Attorney Docket Number: 113300

Anthony G. Lauck
Anthony G Lauck

Date: October 26, 1999

United States of America)

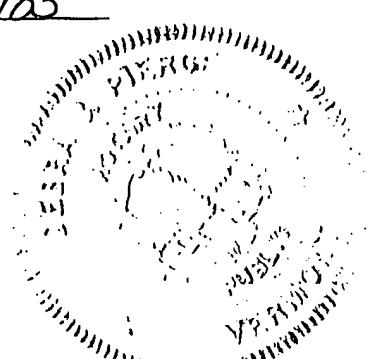
State of Vermont) ss.:

County of Washington)

On this 26 day of Oct., 1999 before me personally came Anthony G Lauck, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

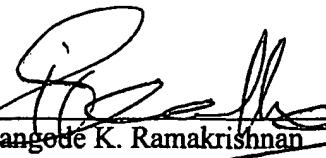
Hebra J. Perez. 02/03
Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801



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Attorney Docket Number: 113300


Kadangode K. Ramakrishnan

Date: Oct 18, 1999

United States of America)

State of NJ) ss.:

County of Morris)

On this 18 day of October, 1999 before me personally came Kadangode K. Ramakrishnan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


G.C. WRIGHT
NOTARY PUBLIC
State of New Jersey
Notary Public since Oct 18, 1999

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801

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